

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF THE CLAIMS

Claims 1 – 13 (Canceled)

14. (new) A brake light comprising:

at least two lamps operative as conventional brake lights, wherein a light signal intensity of said lamps is held constant concurrent with braking;

a lamp wherein a light signal intensity of said lamp is modulated for a predetermined first time interval concurrent with braking, and wherein said light signal intensity is held constant following said first time interval.

15. (new) The brake light of claim 10 wherein modulation of said light signal intensity is prohibited for a predetermined second time interval for avoiding repetitive light signal modulation in stop and go traffic.

16. (new) The brake light of claim 10 wherein said lamp with modulated light signal intensity is located in easily recognizable location in rear and central vehicle area.

17. (new) The brake light of claim 10 wherein said lamps operative as conventional brake lights are located on rear tail fenders of vehicle.

18. (new) A brake light controller operative to modulate light signal intensity of said brake light, comprising:

a voltage sensor operative to sense a voltage between a brake actuator switch line and electric ground;

a lockout timer operative to signal a first predetermined time interval of prohibiting said light signal intensity modulation;

a modulation interval timer operative to signal a second predetermined time interval of modulation of said light signal intensity;

a pulse width modulator operative to drive a control element, whereby said pulse width modulator sends a modulated signal to said control element;
a control element operative to control an amount of current flow through a light source, whereby controlling the light signal intensity.

19. (new) The brake light controller of claim 18 wherein said voltage sensor senses changes in voltage corresponding to changes in application of vehicle brakes, said sensor sending a signal to said modulation interval timer and said lockout timer, whereby said sensor indicates initiation or termination of braking.

20. (new) The brake light controller of claim 18 wherein said lockout timer sends a signal to said pulse width modulator exhibiting an initiation or an expiration of said lockout time interval.

21. (new) The brake light controller of claim 18 wherein said modulation interval timer sends a signal to said pulse width modulator exhibiting an initiation or an expiration of said modulation time interval.

22. (new) The brake light controller of claim 18 wherein said pulse width modulator using signals received from said timers generates and sends a control signal to said control element.

23. (new) The brake light controller of claim 18 wherein said control element modulates the current flow through said light source based upon said control signal.

24. (new) A method for modulating a brake light signal intensity for improved indication of vehicle braking, comprising:

- detecting braking of a vehicle;
- modulating light signal intensity for a first predetermined time interval;
- holding light signal intensity constant for remainder of braking;
- prohibiting light signal intensity modulation for a second predetermined time interval following a braking event.

25. (new) The method for modulating a brake light signal intensity of claim 24 wherein said braking detection includes detecting voltage changes between a brake actuator signal line and electric ground.

26. (new) The method for modulating a brake light signal intensity of claim 24 wherein said modulation of light signal intensity includes controlling the current flow through a light source.

27. (new) The method for modulating a brake light signal intensity of claim 24 wherein a modulation interval timer is utilized for timing of said first predetermined time interval.

28. (new) The method for modulating a brake light signal intensity of claim 24 wherein a lockout timer is utilized for timing of said second predetermined time interval.